

June 3, 2005

Mr. Karl W. Singer
Chief Nuclear Officer and
Executive Vice President
Tennessee Valley Authority
6A Lookout Place
1101 Market Street
Chattanooga, Tennessee 37402-2801

SUBJECT: SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2 AND WATTS BAR NUCLEAR PLANT, UNIT 1 - REQUEST FOR ADDITIONAL INFORMATION RELATED TO GENERIC LETTER 2004-02, "POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON EMERGENCY SUMP RECIRCULATION AT PRESSURIZED-WATER REACTORS" (TAC NOS. MC4717, MC4718, AND MC4730)

Dear Mr. Singer:

By letter dated March 7, 2005, the Tennessee Valley Authority (the licensee) provided the 90-day response to U.S. Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2004-02 for the Sequoyah Nuclear Plant, Units 1 and 2, and the Watts Bar Nuclear Plant, Unit 1. The GL requested the licensee perform an evaluation of the emergency core cooling system and containment spray system recirculation functions in light of the information provided in the GL and, if appropriate, take additional actions to ensure system function. Additionally, addressees were requested to submit to the NRC the information specified in the GL.

The NRC staff has completed its preliminary review of your response and has determined that additional information will be necessary to complete our review. The enclosure seeks information regarding your overall plans and schedules and not on detailed plans or analyses. In light of this, we request that you provide the information described in the enclosure within 45 days of receipt of this letter.

If you have any questions, please call me at (301) 415-1364.

Sincerely,

/RA/

Douglas V. Pickett, Senior Project Manager, Section 2
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-327, 50-328, and 50-390

Enclosure: Request for Additional Information

cc w/encl: See next page

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Mr. Karl W. Singer
Tennessee Valley Authority

SEQUOYAH NUCLEAR PLANT
WATTS BAR NUCLEAR PLANT

cc:

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Mr. Karl W. Singer
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SEQUOYAH NUCLEAR PLANT
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REQUEST FOR ADDITIONAL INFORMATION
REGARDING GENERIC LETTER 2004-02
“POTENTIAL IMPACT OF DEBRIS BLOCKAGE ON
EMERGENCY SUMP RECIRCULATION AT PRESSURIZED-WATER REACTORS”
TENNESSEE VALLEY AUTHORITY
SEQUOYAH NUCLEAR PLANT, UNITS 1 AND 2
WATTS BAR NUCLEAR PLANT, UNIT 1
DOCKET NOS. 50-327, 50-328, AND 50-390

By letter dated March 7, 2005, Tennessee Valley Authority (the licensee) provided the 90-day response to U.S. Nuclear Regulatory Commission (NRC) Generic Letter (GL) 2004-02 for Watts Bar Nuclear Plant, Unit 1 and Sequoyah Nuclear Plant, Units 1 and 2. The GL requested that addressees perform an evaluation of the emergency core cooling system and containment spray system recirculation functions in light of the information provided in the GL and, if appropriate, take additional actions to ensure system function. Additionally, addressees were requested to submit to the NRC the information specified in the GL. The staff has completed its preliminary review of your response and has determined it needs the following additional information to complete our review:

As a result of the review of the 90-day responses for all licensees and recent discussions with industry, the staff is concerned that some licensees may be delaying the evaluation of chemical effects until after the September 1, 2005, due date for the next response to the GL. This would result in an incomplete response and is not in accordance with the schedule in the GL. Your 90-day response indicated that your analysis will be completed by September 1, 2005, but did not discuss the evaluation of chemical effects. Although the GL did not specifically request that the evaluation of chemical effects be discussed in the 90-day response, please discuss your plans and schedule for evaluating chemical effects and verify whether your September 1, 2005, response will include such an evaluation.

ENCLOSURE